

# Management Control Situations

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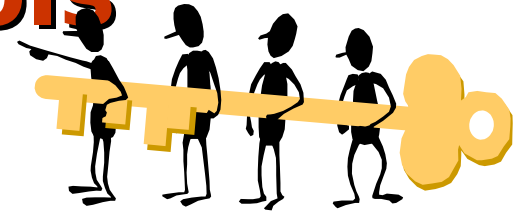
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# Management Controls Situations



- ✓ We are going to review some situations for possible management controls:
  - Original Situation
  - WHO (Management)?
  - WHAT (Corrective actions/controls)?
  - WHY (Situational problem)?
  - WHERE (Locations)?



# **1<sup>st</sup> Situation - Ramp/Road Intersection**

- ✓ **An intersection of off-island exit ramp and ABC town road intersection has 40 vehicle accidents over a three month period since it was created. Three parties were significantly injured. There is a stop sign on the exit ramp.**



# **1<sup>st</sup> Situation- Ramp/Road Intersection**

- ✓ **WHO is the management?**
  - **ABC Town Government**



# **1<sup>st</sup> Situation - Ramp/Road Intersection**

- ✓ **WHAT are possible solutions?**
- **Four way stop intersection.**
- **Traffic lights.**
- **Reroute ramp so it flows onto the road.**



# **1<sup>st</sup> Situation - Ramp/Road Intersection**

- ✓ **WHY is control needed?**
  - **To prevent accidents and injuries.**
  - **To provide safe environment.**
  
- ✓ **WHERE is control?**
  - **Ramp and Road intersection**



## **2nd Situation - Ammunition Items Transport**

- ✓ **The contractor produces the ammunition for DOD at his own plant. The DOD Representative accepts the finished ammunition lot. The truck picks up the ammunition items and transports them the designated DoD depot. There is no record of the ammunition items in DoD computer systems until receipt by depot who enters ammunition data into computer system.**



## **2nd Situation - Ammunition Items Transport**

✓ **WHO is the management?**

➤ **DOD**





## **2nd Situation - Ammunition Items Transport**

- ✓ **WHAT are possible solutions:**
  - **Contractor tracks ammunition shipment in own system .**
  - **Trucking firm tracks ammunition shipment.**
  - **DOD develop tracking system to track ammunition items enroute to DOD depot.**



## **2nd Situation - Ammunition Items Transport**

- ✓ **WHY is control needed?**
  - **To maintain surveillance of critical and sensitive items.**
  
- ✓ **WHERE is control?**
  - **DOD computer system.**



## **3rd Situation - Purchasing Computer System**

- ✓ **Company XYZ has a computer system which is used for making purchases. The system uses a purchase code which can be changed by anyone who uses the system, not just the purchasing agent. This has caused over expenditure of funds.**



# **3rd Situation - Purchasing Computer System**

✓ **WHO is the management?**

➤ **Company XYZ.**



# **3rd Situation - Purchasing Computer System**

## **✓ WHAT are possible solutions?**

- **Develop Standard Operating Procedure to ensure only authorized purchase agent change the code . People can still change code.**
- **Develop computer bridge where only authorized purchasing agents can change a purchase code.**



## **3rd Situation - Purchasing Computer System**

✓ **WHY is control needed?**

➤ **To maintain control of purchases and funds.**

✓ **WHERE is control?**

➤ **Company XYZ computer system.**



## **4th Situation - Ammunition Explosives Safety**

- ✓ **There were two separate incidents at two ammunition plants. The incidents involved explosions with two ammunition items that used a new common primer material. The two ammunition plants production engineers, JMC Explosives safety personnel, ARDEC personnel and DAC personnel reviewed the incidents.**



# **4th Situation - Ammunition Explosives Safety**

- ✓ **They concluded:**
  - **New primer material was more sensitive.**
  - **Current SOPs were written for the old primer material.**
  - **There was no operator error.**
  - **There were no unusual ignition sources.**





# **4th Situation - Ammunition Explosives Safety**

✓ **WHO is the management?**

➤ **JMC, Ammunition Plants,  
DAC Staff and ARDEC  
staff.**



## **4th Situation - Ammunition Explosives Safety**

- ✓ **WHAT are possible solutions?**
  - **Review and revise two ammunition plants SOPs to take into account the new primer material.**
  - **Meet with primer manufacturer to determine if primer composition can be modified to less volatile.**



# **4th Situation - Ammunition Explosives Safety**

## **✓ WHY is control needed?**

- To ensure safety of production personnel, ensure timely production without delays and with the least feasible manufacturing cost .**

## **✓ WHERE is control?**

- Ammunition Plant SOPs, Ammunition explosive Safety process.**



# **What Other Situations Need Management Controls?**

✓ **Use Risk Management steps  
(DA FM 100-14)**

- **Step 1: Identify Hazards**
- **Step 2: Assess Hazards**
- **Step 3: Develop Controls and  
Make Risk Decision**
- **Step 4: Implement Controls**
- **Step 5: Supervise and Evaluate**

